

01-04-2002

AO

GP 3172 0.160
2662



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Mark Sullivan

Serial No. 09/966,325

Filed: September 28, 2001

For: APPARATUS AND METHOD FOR EFFICIENT LIVE WEBCASTING AND
NETWORK CONNECTIVITY

Confirmation No. 3172

NIOC 772
PATENT

RECEIVED
JAN 11 2002
Technology Center 2600

December 28, 2001

INFORMATION DISCLOSURE STATEMENT

RECEIVED

JAN 11 2002

GROUP 3600

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS,
WASHINGTON, D.C. 20231

SIR/MADAM:

Applicant submits herewith, in accordance with 37 C.F.R.
1.97 and 1.98 and MPEP 609, and in compliance with the duty of
* disclosure set forth in 37 C.F.R. 1.56, the attached PTO Form
1449 (modified) for consideration by the Patent and Trademark
Office in the above-entitled application and to be made of record
herein.

Respectfully submitted,

John M. Bodenhause, Reg. No. 47,432
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, MO 63102
(314) 231-5400

Express Mail No. EL 890667494 US

RECEIVED
JAN 11 2002
Technology Center 2600

PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/966,325		
		Filing Date	September 28, 2001		
		Confirmation Number	3172		
		First Named Inventor	Mark Sullivan		
		Group Art Unit	2661		
		Examiner Name			
Sheet	1	of	2	Attorney Docket No.	NIOC 7772

RECEIVED
JAN 11 2002
GROUP 3600

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	5,689,648		Stephen H. Diaz, et al.	11-18-1997
	2	5,903,621		Mohammed S. Rebec, et al.	05-11-1999
	3	5,987,233		Douglas Edward Humphrey	11-16-1999
	4	5,991,596		Kenneth Cunningham, et al.	11-23-1999
	5	6,020,845		Aaron Weinberg, et al.	02-01-2000
	6	6,078,961		Magda Mahmoud Mourad, et al.	06-20-2000
	7	6,105,060		Martine A. Rothblatt	08-15-2000
	8	6,101,180		Paul W. Donahue, et al.	08-08-2000
	9	6,160,797		Roswell Robert, III, et al.	12-12-2000
	10	6,161,141		Douglas M. Dillon	12-12-2000
	11	6,169,877	B1	Vincenzo Gulla'	01-02-2001
	12	6,172,972	B1	Kenneth J. Birdwell, et al.	01-09-2001
	13	6,175,717	B1	Mihailo V. Rebec, et al.	01-16-2001
	14	6,205,473	B1	John K. Thomasson, et al.	03-20-2001
	15	6,205,485	B1	Dan Kikinis	03-20-2001

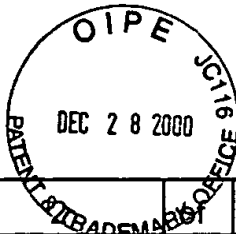
Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached, or place an "A" if English language abstract is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/966,325
		Filing Date	September 28, 2001
		Confirmation Number	3172
		First Named Inventor	Mark Sullivan
		Group Art Unit	2661
		Examiner Name	
Sheet	2	Attorney Docket No.	NIOC 7772



RECEIVED
JAN 11 2002
Technology Center 2600

RECEIVED
JAN 11 2002
GROUP 3600

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ⁶
	16	"A Comparison of Mechanisms for Improving TCP Performance Over Wireless Links," by Hari Balakrishnan, Venkata N. Padmanabhan, Srinivasan Seshan and Randy H. Katz; <u>IEEE/ACM Transactions on Networking</u> , Vol. 5, No. 6, December 1997					
	17	"Parity-Based Loss Recovery for Reliable Multicast Transmission," by Jörg Nonnenmacher, Ernst W. Biersack and Don Towsley; <u>IEEE/ACM Transactions on Networking</u> , Vol. 6, No. 4, August 1998					

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached, or place an "A" if English language abstract is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.